

REMARKS

The allowance of Claims 1 and 9 is noted with appreciation.

The rejection of Claim 8 under 35 USC §112, paragraph 2 is deemed addressed by the foregoing amendment to Claim 7.

Likewise, the rejection of Claim 10, under 35 USC §102(b) as being anticipated by either Naitoh or JP '584 is deemed moot in light of the cancellation of that claim.

The rejection of Claims 7 and 8 under 35 USC §102(b) as being anticipated by Naitoh under 35 USC §102(b) is, however, traversed. Reconsideration of that rejection is respectfully requested along with favorable consideration of new Claims 18-31.

The Office Action references Fig. 18 of the Naitoh patent and contends that the circumferential edge portion 44 constitutes a small raised portion. There is, however, nothing "raised" about the edge portion 44 in any reasonable sense of that word. Nor does or can the Office Action establish where the Naitoh patent even suggests that the small raised part is formed at a center of an external face of a nozzle bottom part such that the small raised part has a height shorter than the length of the injection port orifice or, for that matter, the injection port outlet formed at the small raised part so that the latter forms a wall portion of the outlet marginal portion.

In addition the subject matter of Claim 31, formerly part of Claim 7, is nowhere taught or suggested in the Naitoh patent. Applicants discovered that,

by the use of the small raised part and adjustment of the length of the orifice (see attachment Sheet 1), they are now able to control the penetration and deflection direction of the fuel injected from the opening by rotating the high density fuel area in the orifice (see attached Sheet 2). Nothing like that is even hinted at in the prior art.

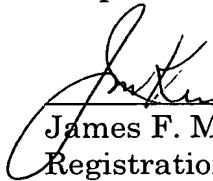
Accordingly, early and favorable consideration is earnestly solicited.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #056207.44849CO).

Respectfully submitted,

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